

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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10/604,986 Doc # 19.0347
ED = AUG 29, 2003

**Title of
Invention**

METHOD AND APPARATUS FOR PERFORMING
DIAGNOSTICS ON A DOWNHOLE COMMUNICATION SYSTEM

Application Number :

10/604,986

Confirmation Number:

First Named Applicant:

NICOLAS PACAULT

Attorney Docket Number:

19.0347

Art Unit:

2863

Examiner:

V. TAYLOR

Search string:

(6597945 or 5008664 or 5202680 or 6075461 or 6333699 or 6445307 or 6480811 or 3807502 or 3957118 or 4126848 or 4605268 or 4806928 or 4901069 or 5052941 or 5278550 or 5521952 or 5971072 or 5360967 or 5196418 or 4202490 or 5384288 or 4388524 or 4497029 or 4533823 or 4569421 or 4578991 or 5480041 or 5616322 or 4628458 or 4698631 or 4720626 or 4742470 or 4745557 or 4780599 or 4818855 or 4850009 or 5142128 or 3090031 or 2379800 or 2414719 or 3079549 or 4445734 or 4914433 or 4215426 or 3918537 or 3696332 or 4220381 or 4845093 or 4176894 or 3879097 or 6011346 or 4348672 or 5255739 or 4193227 or 3807502 or 4057781 or 4012092 or 4578675 or 5455573 or 5050675 or 4928088 or 4675638 or 4038625 or 3995209 or 3682098 or 3387606 or 20010054969 or 20020039328 or 20020014966 or 20020050930 or 20020093431 or 20020112852 or 20020193004).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
u	1	6597945	2003-07-22	MARKSTEINER		600	547
u	2	5008664	1991-04-16	CULLEN ET AL.		340	854
u	3	5202680	1993-04-13	SAVAGE		340	853.8
u	4	6075461	2000-06-13	SMITH		340	853.7
u	5	6333699	2001-12-25	ZIEROLF		340	854.8
u	6	6445307	2002-09-03	RASSI ET AL.		340	854.6
u	7	6480811	2002-11-12	DENNY ET AL.		702	188
u	8	3807502	1974-04-30	HEILHECKER ET AL.		166	385
u	9	3957118	1976-05-18	BARRY ET AL.		166	385
u	10	4126848	1978-11-21	DENISON		340	855.1
u	11	4605268	1986-08-12	MEADOR		439	194
u	12	4806928	1989-02-21	VENERUSO		340	853.3
u	13	4901069	1990-02-13	VENERUSO		340	854.8
u	14	5052941	1991-10-01	HERNANDEZ-MARTI		439	194

				ET AL.			
u	15	5278550	1994-01-11	RHEIN-KNUDSEN ET AL.		340	855.1
u	16	5521952	1996-05-28	VENERUSO		377	055
u	17	5971072	1999-10-26	HUBER ET AL.		166	297
u	18	5360967	1994-11-01	PERKIN ET AL.		235	375
u	19	5196418	1980-04-01	KIP ET AL.		514	230.8
u	20	4202490	1980-05-13	GUNKEL ET AL.		235	449
u	21	5384288	1983-05-17	WALTON		438	431
u	22	4388524	1983-06-14	WALTON		235	380
u	23	4497029	1985-01-29	KIYOKAWA		700	175
u	24	4533823	1985-08-06	VITTORIO		235	375
u	25	4569421	1986-02-11	SANDSTEDT		186	039
u	26	4578991	1986-04-01	NOWLIN		73	152.43
u	27	5480041	1986-04-01	WALTON		212	273
u	28	5616322	1986-10-07	NIWA ET AL.		424	192.1
u	29	4628458	1986-12-09	OHTA ET AL.		700	175
u	30	4698631	1987-10-06	KELLY JR. ET AL.		340	853.1
u	31	4720626	1988-01-19	NISHIKAWA. ET AL.		235	449
u	32	4742470	1988-05-03	JUENGEL		700	175
u	33	4745557	1988-05-17	PEKER ET AL.		700	188
u	34	4780599	1988-10-25	BAUS		235	383
u	35	4818855	1989-04-04	MONGEON ET AL.		235	440
u	36	4850009	1989-07-18	ZOOK ET AL.		379	93.17
u	37	5142128	1992-08-25	PERKIN ET AL.		235	375
u	38	3090031	1963-05-14	LORD		340	854.8
u	39	2379800	1945-07-03	HARE		336	105
u	40	2414719	1947-01-21	CLOUD		333	177
u	41	3079549	1963-02-26	MARTIN		324	323
u	42	4445734	1984-05-01	CUNNINGHAM		439	194
u	43	4914433	1990-04-03	GALLE		340	854.4
u	44	4215426	1980-07-29	KLATT		367	083
u	45	3918537	1975-11-11	HEILHECKER		175	320
u	46	3696332	1972-10-03	DICKSON JR. ET AL.		340	855.1
u	47	4220381	1980-09-02	VAN DER GRAAF		340	853.7
u	48	4845093	1989-07-04	HOWARD		514	247
u	49	4176894	1979-12-04	GODBEY		439	194
u	50	3879097	1975-04-22	OERTKE		340	855.1
u	51	6011346	2000-01-04	BUCHANAN ET AL.		310	339
u	52	4348672	1982-09-07	GIVLER		340	854.8
u	53	5255739	1993-10-26	NEUROTH ET AL.		166	65.1

u	54	4193227	1990-04-03	WITTRISCH		451	005
u	55	3807502	1974-04-30	HEILHECKER ET AL.		166	385
u	56	4057781	1977-11-08	SCHERBATOSKOY		340	854.4
u	57	4012092	1977-03-15	GODBAY ET AL.		439	191
u	58	4578675	1986-03-25	MACLEOD		340	853.1
u	59	5455573	1995-10-03	DELATORRE		340	854.8
u	60	5050675	1991-09-24	UPCHURCH		166	373
u	61	4928088	1990-05-22	JORION ET AL.		340	854.1
u	62	4675638	1987-06-23	SZABO		336	083
u	63	4038625	1977-07-26	TOMPKINS ET AL.		336	083
u	64	3995209	1976-11-30	WESTON		323	355
u	65	3682098	1972-08-08	SPIES		102	206
u	66	3387606	1968-06-11	CRAFTS ET AL.		128	202.2

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
u	1	20010054969	2001-12-27	THOMEER ET AL.		340	853.3
u	2	20020039328	2002-04-04	DUBINSKY		367	082
u	3	20020014966	2002-02-07	STRASSNER II ET AL.		340	572.1
u	4	20020050930	2002-05-02	THOMEER ET AL.		340	853.3
u	5	20020093431	2002-07-18	ZIEROLF		340	854.1
u	6	20020112852	2002-08-22	FLOERKE ET AL.		166	65.1
u	7	20020193004	2002-12-19	BOYLE ET AL.		439	577

Signature

Examiner Name	Date
W. J. Hughes	4/19/2005

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
19.0347SERIAL NO.
10/604,986LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT: Nicolas Pacault et al.

FILING DATE:
August 29, 2003

GROUP

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Patentee
AA			
AB			
AC			
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AH			
AI			

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u	AL EP 1 158 138 A2	11/18/01	EPO	X
u	AM WO 02/06716	01/24/02	PCT	X
u	AN WO 90/14497	11/29/90	PCT	Abstract Only
u	AO RU 2140537 C1	12/18/97	Russia	Abstract Only

OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)

u	AR	US Dep't of Energy press release, DOE Techline, "DOE Selects California Small Business to Help Develop 'Smart Drilling System' for Oil & Natural Gas", http://www.netl.doe.gov/publications/press/1999/tl_smartdrill.html (October 13, 1999)
u	AS	US Dep't of Energy, ACPT Year-end Review Meeting and Continuation Application Review, "Cost Effective Composite Drill Pipe," Slide 25 (August 31, 2000)
u	AT	Hall, David R., Novatek Engineering Inc., "Telemetry Drill Pipe" (No Date)

EXAMINER

DATE CONSIDERED

u [Signature]

4/19/2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

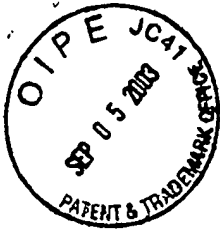
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Examiner Initial		Document No.	Date	Patentee
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	BB			
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	BG			
	BH			
	BI			

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation	
					Yes	No
<i>Used</i>	BL	RU 2040691 C1	02/14/92	Russia	X	
	BM					
	BN					
	BO					

OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)

<i>Used</i>	BR	McDonald, Wm. J., Offshore, "Four Basic Systems will be Offered," pp. 96 - 103 (December 1977)
<i>W</i>	BS	McDonald, Wm. J., Oil & Gas Journal, "Four Different Systems used for MWD," pp. 115-124 (April 1978)
	BT	

EXAMINER

DATE CONSIDERED

W. J. Douglas

4/19/2005

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ATTY. DOCKET NO.
19.0347SERIAL NO.
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APPLICANT: Nicolas Pacault

FILING DATE:
08/29/03

GROUP

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee
ur	AA	4276619	06/30/81	Rickenbacker
ur	AB	5905194	05/18/99	Strong
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	AD			
	AE			
	AF			
	AG			
	AH			
	AI			

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ur	AM	2 363 641 A	01/02/02	GB	X	
ur	AN	2 190 410 A	11/18/87	GB	X	
ur	AO	2 363 554	12/19/01	GB	X	

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	AS					
	AT					

EXAMINER

DATE CONSIDERED

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